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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/028,435	12/28/2001	Samuel S. Villareal	V637 03010 US	4425

7590 02/06/2004

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EXAMINER
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NGUYEN, DUNG T

ART UNIT	PAPER NUMBER
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2828

DATE MAILED: 02/06/2004

Please find below and/or attached an Office communication concerning this application or proceeding.



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SERIAL NUMBER	FILING DATE	FIRST NAMED APPLICANT	ATTORNEY DOCKET NO.
10028435			

EXAMINER	
ART UNIT	PAPER NUMBER
2828	02/02/04

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EXAMINER INTERVIEW SUMMARY RECORD

All participants (applicant, applicant's representative, PTO personnel):

- (1) MICHAEL DUNG NGUYEN (3) MARK KRESLOFF  
(2) PHUL IP (4) KURT EATON

Date of interview 02/02/04

Type: ☐ Telephonic ☐ Personal (copy is given to ☐ applicant ☒ applicant's representative).

Exhibit shown or demonstration conducted: ☐ Yes ☒ No. If yes, brief description: \_\_\_\_\_

Agreement ☐ was reached with respect to some or all of the claims in question. ☒ was not reached.

Claims discussed: 1

Identification of prior art discussed: Marta et al '515

Description of the general nature of what was agreed to if an agreement was reached, or any other comments: Given the claim with the

boardest interpretation, Marta et al show in figures 1 and 9 the DBR with a first and a second doped layers with respect to the top and bottom layers of the DBR, Marta et al also show the transition region or layers within or between the first and the second layers with different thickness and

doping. Applicants are suggested to amend the claims to particular define the structure and the function of the structure of the DBR. \*

Unless the paragraphs below have been checked to indicate to the contrary, A FORMAL WRITTEN RESPONSE TO THE LAST OFFICE ACTION IS NOT WAIVED AND MUST INCLUDE THE SUBSTANCE OF THE INTERVIEW (e.g., items 1-7 on the reverse side of this form). If a response to the last Office action has already been filed, then applicant is given one month from this interview date to provide a statement of the substance of the interview.

☐ It is not necessary for applicant to provide a separate record of the substance of the interview.

☐ Since the examiner's interview summary above (including any attachments) reflects a complete response to each of the objections, rejections and requirements that may be present in the last Office action, and since the claims are now allowable, this completed form is considered to fulfill the response requirements of the last Office action.

\* Patent '515 discloses at column 9 and implies that the laser including the DBR has different thickness and different dopings

Paul Ip SPE 28 of  
Examiner's Signature

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